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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete if Known

Application Number	09/749,601
Filing Date	December 28, 2000
First Named Inventor	NICOLAIDES et al.
Group Art Unit	1646-1438
Examiner Name	Unassigned
Attorney Docket Number	01107.00069

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
OK		5,907,079		Mak et al.	05/25/1999	800/13
		6,146,894		Nicolaides et al.	11/14/2000	435/440
OK		6,191,268	B1	Liskay et al.	02/20/2001	536/23.5

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
OK		PCT	WO 97/08312		Kinzler et al.	03/06/1997		

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OK		Allen, D., et al., "MutS mediates heteroduplex loop formation by a translocation mechanism" <i>EMBO J.</i> , 1997, 16(14), 4467-4476.	
		Baker, S.M., et al., "Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis" <i>Cell</i> , 1995, 82, 309-319.	
		Bronner C.E., et al., "Mutation in the DNA mismatch repair gene homologue hMLH1 is associated with hereditary non-polyposis colon cancer" <i>Nature</i> , 1994, 368, 258-261.	
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		Drummond, J.T., et al., "Isolation of an hMSH2-p160 heterodimer that restores DNA mismatch repair to tumor cells" <i>Science</i> , 1995, 268, 1909-1912.	
		Drummond, J.T., et al., "Cisplatin and adriamycin resistance are associated with mutla and mismatch repair deficiency in an ovarian tumor cell line" <i>J. Biological Chemistry</i> , 1996, 271(33), 19645-19648.	
		Edelmann, W., et al., "Meiotic pachytene arrest in MLH1-deficient mice" <i>Cell</i> , 1996, 85, 1125-1134.	
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OK		Fishel, R. et al. "The human mutator gene homolog MSH2 and its association with hereditary nonpolyposis colon cancer." <i>Cell</i> 1993, 7:1027-1038.	

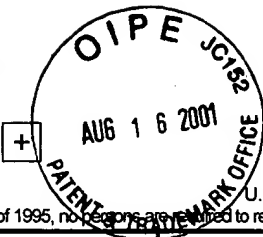
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David Kux

Date Considered

3 February 2003

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Sheet 2 of 5

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Application Number	09/749,601
Filing Date	December 28, 2000
First Named Inventor	NICOLAIDES et al.
Group Art Unit	1648-36
Examiner Name	Unassigned
Attorney Docket Number	01107.00069

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DK		Galio, L., et al., "ATP hydrolysis-dependent formation of a dynamic ternary nucleoprotein complex with MutS and MutL" <i>Nucleic Acids Research</i> , 1999, 27(11), 2325-2331.	
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		Li, G.-M. and P. Modrich. "Restoration of mismatch repair to nuclear extracts of H6 colorectal tumor cells by a heterodimer of human MutL homologs" <i>Proc. Natl. Acad. Sci. USA</i> 1995 92:1950-1954.	
DK		Liu, T., et al., "Microsatellite instability as a predictor of a mutation in a DNA mismatch repair gene in familial colorectal cancer" <i>Genes, Chromosomes & Cancer</i> , 2000, 27, 17-25.	

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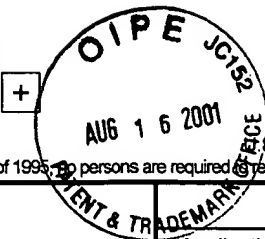
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Sheet 3 of 5

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Application Number	09/749,601
Filing Date	December 28, 2000
First Named Inventor	NICOLAIDES et al.
Group Art Unit	1646 38
Examiner Name	Unassigned
Attorney Docket Number	01107.00069

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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DK		Liu, T., et al., "Microsatellite instability as a predictor of a mutation in a DNA mismatch repair gene in familial colorectal cancer" <i>Genes, Chromosomes & Cancer</i> , 2000, 27, 17-25.	
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		Modrich, P., "Mismatch repair, genetic stability, and cancer" <i>Science</i> , 1994, 266, 1959-1960.	
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Examiner Signature	<i>[Signature]</i>	Date Considered	3 February 2003
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Sheet 4 of 5

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Application Number	09/749,601
Filing Date	December 28, 2000
First Named Inventor	NICOLAIDES et al.
Group Art Unit	1648 38
Examiner Name	Unassigned
Attorney Docket Number	01107.00069

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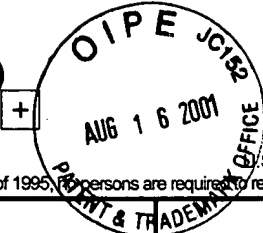
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Sheet 5 of 5

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First Named Inventor	NICOLAIDES et al.
Group Art Unit	1648 34
Examiner Name	Unassigned
Attorney Docket Number	01107.00069

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DK		Spampinato, C., et al., "The MutL ATPase is required for mismatch repair" <i>J. Biological Chemistry</i> , 2000 , 275(13), 9863-9869.	
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